



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005



Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-02/561y/Cube/2017-18

17.03.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Dasarahalli Project Division, BBMP, Bangalore.
* Agency	: Technical Manager, KRIDL, Bangalore.
* Name of the work	: Improvements works at dog kennel at Sy No.51 Mallasandra in Ward No.13 of Project Sub Division, Dasarahalli Zone, BBMP, Bangalore.
* Reference	: BBMP/EE/PD/WO/14/2017-18 Dated: 01.01.2018
* Sample ID	: Plinth beam concrete
Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 17.03.2018



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	17.02.2018	17.03.2018	8.129	478.6	21.27
2	17.02.2018	17.03.2018	8.225	485.7	21.59
3	17.02.2018	17.03.2018	8.315	513.4	22.82

*Information is furnished by the Customer/Representative.

Note:

⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.



VIDYARANI P.K.
Technical Manager



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17.03.2018

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* Name of the work	: Improvements works at dog kennel at Sy No.51 Mallasandra in Ward No.13 of Project Sub Division, Dasarahalli Zone, BBMP, Bangalore.
* Reference	: BBMP/EE/PD/WO/14/2017-18 Dated: 01.01.2018
* Sample ID	: Plinth beam concrete
Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 17.03.2018



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	17.02.2018	17.03.2018	8.186	478.5	21.27
2	17.02.2018	17.03.2018	8.260	508.2	22.59
3	17.02.2018	17.03.2018	8.330	515.6	22.92

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Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-02/561y/Cube/2017-18

30.03.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Dasarahalli Project Division, BBMP, Bangalore.
* Agency	: Technical Manager, KRIDL, Bangalore.
* Name of the work	: Improvements works at dog kennel at Sy No.51 Mallasandra in Ward No.13 of Project Sub Division, Dasarahalli Zone, BBMP, Bangalore.
* Reference	: BBMP/EE/PD/WO/14/2017-18 Dated: 01.01.2018
* Sample ID	: Lintel beam concrete
Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 30.03.2018



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	02.03.2018	30.03.2018	8.117	485.6	21.58
2	02.03.2018	30.03.2018	8.222	510.3	22.68
3	02.03.2018	30.03.2018	8.375	522.9	23.24

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Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-02/561y/Cube/2017-18

12.04.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Dasarahalli Project Division, BBMP, Bangalore.
* Agency	: Technical Manager, KRIDL, Bangalore.
* Name of the work	: Improvements works at dog kennel at Sy No.51 Mallasandra in Ward No.13 of Project Sub Division, Dasarahalli Zone, BBMP, Bangalore.
* Reference	: BBMP/EE/PD/WO/14/2017-18 Dated: 01.01.2018
* Sample ID	: Roof beam slab concrete
Technical Reference	: IS: 516-1959 (RA-2013)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 12.04.2018



Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	15.03.2018	12.04.2018	8.298	474.6	21.09
2	15.03.2018	12.04.2018	8.385	512.3	22.77
3	15.03.2018	12.04.2018	8.408	522.6	23.23

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